



July 11, 2011  
Project No. 8128.01.08

Mr. Dana Bayuk  
Oregon Department of Environmental Quality  
2020 SW 4th Avenue  
Portland, Oregon 97201-4987

Re: Monthly Progress Report—June 2011  
Siltronic Corporation  
7200 NW Front Avenue, Portland, OR  
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is June 1, 2011, through June 30, 2011. The next report is due August 10, 2011.

The report organization follows that of the previous progress reports.

## **ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT**

### **Communications**

On June 2, 2011, DEQ requested a summary of monitoring wells with DNAPL detections and directed Siltronic to continue the screening program. DNAPL screening will continue pending DEQ approval of a reduced program.

On June 9, 2011, DEQ provided an email indicating that DEQ did not have additional questions or concerns that would prevent implementation of the fill water bearing zone (WBZ) injections. DEQ also identified a list of details regarding the combustible gas monitoring program requiring clarification before implementation.

### **Fieldwork**

Group 3 PMW monitoring and quarterly sampling continued through June. Monthly water levels were collected on June 15, 2011. The monthly water levels are included in the attached MS Excel file.<sup>1</sup>

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<sup>1</sup> Includes monthly water levels from January-June 2011; water levels from preceding years have previously been submitted.

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Measurements of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected in selected Group 1 and 2 PMWs on during the week of June 13, 2011. MGP DNAPL was detected in the following PMWs:

- WS-33-81 (thickness 0.1 ft., estimated based on staining of bailer).
- WS-43-36 (thickness 8.2 ft., measured using interface probe); this well is located between supplemental injection zones A and B.
- WS-15-85 (thickness 5.2 ft., measured using interface probe).

Samples of MGP DNAPL were collected and submitted for analysis.

The alluvial WBZ injections of EHC and KB-1 were completed during the week of June 13, 2011.

### **Actions to Be Taken in the Next Two Months**

Groundwater elevations and DNAPL screening will be collected in July and August. Performance monitoring in the Group 3 wells will continue in July; performance monitoring in the Group 1, 2, and 3 wells will continue in August. Quarterly monitoring will continue in August.

MFA will submit soil vapor monitoring system details as requested and anticipates commencing fill WBZ injections, along with combustible gas monitoring system installation and soil vapor monitoring in mid-July.

### **TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT**

Data through the June 2011 sampling events has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP.

The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data received and validated through the end of the reporting period (June 30, 2011). As noted previously, RAO 1 for the source area has been met in all of the Group 1 and 2 PMWs.

### **PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT**

No additional problems were experienced.


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Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG  
Senior Hydrogeologist



Ted Wall, PE  
Oregon Operations Director

Attachments: PMW Data Received and Validated through Reporting Period and Water  
Level Data—MS Excel file (electronic only)

cc: Tom McCue, Siltronic Corporation  
Alan Gladstone, Davis Rothwell Earle and Xochihua  
Chris Reive, Jordan Schrader Ramis  
Jim Anderson, DEQ  
Kristine Koch, EPA  
Sean Sheldrake, EPA Seattle  
Rene Fuentes, EPA Seattle  
Chip Humphrey, EPA Portland  
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